

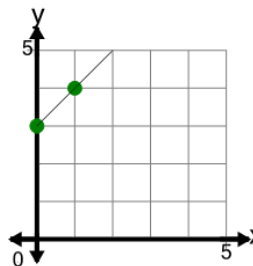


Math worksheet on 'Slope - Find Perpendicular - Graph to Slope Zero Intercept Form (Level 1)'. Part of a broader unit on 'Slopes and Perpendiculars - Intro'

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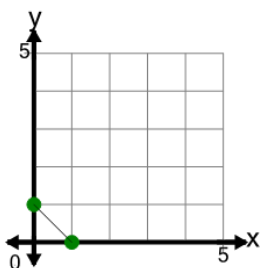
[app.mobius.academy/math/units/line\\_equations\\_and\\_perpendiculars\\_intro/](http://app.mobius.academy/math/units/line_equations_and_perpendiculars_intro/)

**1** What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



<b>a</b>	$y = 1x$	<b>b</b>	$y = -1x$
<b>c</b>	$y = \frac{1}{2}x$		

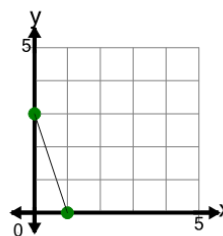
**2** What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



<b>a</b>	$y = -1x$	<b>b</b>	$y = -\frac{1}{2}x$
<b>c</b>	$y = 1x$		

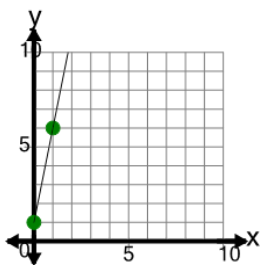
**3**

What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



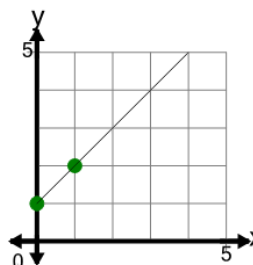
<b>a</b>	$y = -\frac{3}{2}x$	<b>b</b>	$y = \frac{1}{3}x$
<b>c</b>	$y = -\frac{1}{3}x$	<b>d</b>	$y = 3x$

**4** What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



<b>a</b>	$y = -\frac{1}{5}x$	<b>b</b>	$y = -5x$
<b>c</b>	$y = \frac{5}{2}x$	<b>d</b>	$y = \frac{1}{5}x$

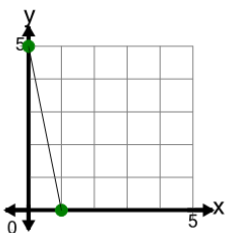
**5** What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



<b>a</b>	$y = 1x$	<b>b</b>	$y = -\frac{1}{2}x$
<b>c</b>	$y = -1x$		

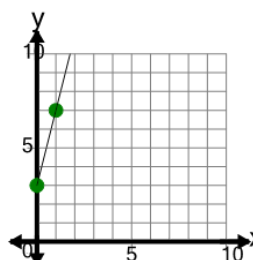
**6**

What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



<b>a</b>	$y = \frac{1}{5}x$	<b>b</b>	$y = -\frac{1}{5}x$
<b>c</b>	$y = -\frac{5}{2}x$	<b>d</b>	$y = 5x$

**7** What line equation would have a slope that is PERPENDICULAR to the slope of the line on this graph?



<b>a</b>	$y = -\frac{1}{4}x$	<b>b</b>	$y = \frac{4}{2}x$
<b>c</b>	$y = -4x$	<b>d</b>	$y = \frac{1}{4}x$